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Technology Transfer Program

**KENTUCKY  
TRANSPORTATION CENTER**

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July - August,  
2010

## USEFUL WEBSITES & ELECTRONIC RESOURCES:

- FHWA Everyday Counts Initiative: Identify and deploy innovation to shorten project delivery, enhance safety of our roadways, and protect the environment:  
<http://www.fhwa.dot.gov/everydaycounts/index.cfm>
- FHWA Communities of Practice: Communities based on subject areas of interest to the highway community with access to information, discussion, and collaboration:  
<http://knowledge.fhwa.dot.gov/cops/FHWAKnowExt.nsf/pages/index.html>
- Pavement Interactive! Is an online community relating to all aspects of pavement, containing articles, maps, files, and discussion groups:  
[http://pavementinteractive.org/index.php?title=Main\\_Page](http://pavementinteractive.org/index.php?title=Main_Page)
- KTC Technology Transfer Program Library services, online video catalog, and information: <http://www.kyt2.com/library.htm>
- KTC Research Reports: For electronic versions of recent KTC research reports, see:  
[http://www.ktc.uky.edu/Reports%20Published%20Recently\\_Section.htm](http://www.ktc.uky.edu/Reports%20Published%20Recently_Section.htm)



[www.kyt2.com](http://www.kyt2.com)

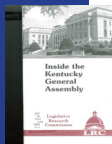
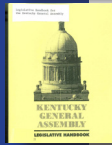
Kentucky Transportation Center, Technology Transfer Program - Library E-News, July - Aug., 2010



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To subscribe or unsubscribe contact the Librarian*



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## New Materials

### Environment:

AV-VD076

Why Aquatic Herbicides Affect Aquatic Plants and Not You!  
Purdue University Dept. of Botany and Plant Pathology; 2003

### Kentucky:

REF JK5330.A33 2010

Legislative Handbook for the Kentucky General Assembly  
Legislative Research Commission; 2010

REF JK5330.K4 2010

2010 Kentucky General Assembly Directory: Visitor's Guide  
Legislative Research Commission; 2010

REF JK5341.L44 2009

Inside the Kentucky General Assembly  
Legislative Research Commission; 2009

REF JK5341.L4 2009

Inside the Legislative Research Commission  
Legislative Research Commission; 2009

### Materials:

SB951.4.H47 2008

Herbicide Application Handbook: A Guide to Proper Handling and Application of  
Monsanto Herbicides  
Monsanto Company; 2008

### Pavements:

TE7.S9 no.388

Pre-Overlay Treatment of Existing Pavements  
Transportation Research Board; 2009  
[http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp\\_syn\\_388.pdf](http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_syn_388.pdf)

TE7. N25 no. 626

NDT Technology for Quality Assurance of HMA Pavement Construction  
Transportation Research Board; 2009  
[http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp\\_rpt\\_626.pdf](http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_626.pdf)

TE278.N37 2009

National Conference on Preservation, Repair, and Rehabilitation of Concrete  
Pavements, St. Louis, Missouri  
DOT FHWA; Concrete Pavement Technology Program; 2009

### Railroads:

KRR-KTC-03-31

Abandoned Railroad Corridors in Kentucky: An Inventory and Assessment  
Kentucky Transportation Center; University of Kentucky; 2003

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Roads:

TE7. N25 no. 650

Median Intersection Design for Rural High-Speed Divided Highways  
Transportation Research Board; 2010

[http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp\\_rpt\\_650.pdf](http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_650.pdf)

[http://www.trb.org/Publications/Blurbs/Median\\_Intersection\\_Design\\_for\\_Rural\\_HighSpeed\\_Div\\_163452.aspx](http://www.trb.org/Publications/Blurbs/Median_Intersection_Design_for_Rural_HighSpeed_Div_163452.aspx) (For appendices)

KRR-KTC-10-13

Review of State Laws and Practices for Disposition of Re-Aligned or Bypassed  
Segments and Associated Row

Kentucky Transportation Center; University of Kentucky; 2010



TE7.S9 no. 405

Utility Location and Highway Design

Transportation Research Board; 2010

<http://www.trb.org/resource.ashx?sn=nchrpsyn405>

REF HE196.5.T87 1977

Turnpike Authority of Kentucky: \$212,000,000 Resource Recovery Road Revenue  
Bonds, 1977 Series A.

Kentucky Dept. of Transportation; 1977

TE175.R67 2007

Road Diet Handbook: Setting Trends for Livable Streets

Parsons Brinckerhoff Inc.; 2007

Safety:

KRR-KTC-10-01

Evaluation of Rumble Strips

Kentucky Transportation Center, University of Kentucky; 2010

[http://www.ktc.uky.edu/Reports/KTC\\_10\\_01\\_SPR\\_330\\_07\\_4I.pdf](http://www.ktc.uky.edu/Reports/KTC_10_01_SPR_330_07_4I.pdf)

REF HE5614.2.H54 2010

Highway Safety Manual, 1st Edition

AASHTO; 2010

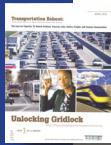
Structures:

TE7.N25 no. 647

Recommended Design Specifications for Live Load Distribution to Buried  
Structures

Transportation Research Board; 2010

[http://www.trb.org/Publications/Blurbs/Recommended\\_Design\\_Specifications\\_for\\_Live\\_Load\\_Di\\_163515.aspx](http://www.trb.org/Publications/Blurbs/Recommended_Design_Specifications_for_Live_Load_Di_163515.aspx) (link to the PDF and the Appendices)



TE7.N25 no. 653

Effects of Debris on Bridge Pier Scour

Transportation Research Board; 2010

[http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp\\_rpt\\_653.pdf](http://onlinepubs.trb.org/onlinepubs/nchrp/nchrp_rpt_653.pdf)

<http://www.trb.org/Main/Blurbs/163549.aspx> (Supplemental materials for NCHRP 653)

TE213.I58 2009

Culvert Scour Assessment

DOT FHWA; U.S. Dept. of Agriculture Forest Service; 2009

[http://www.fs.fed.us/eng/pubs/pdf/CulvertScour/CulvertScourLo/%20Culvert\\_ScourLo.pdf](http://www.fs.fed.us/eng/pubs/pdf/CulvertScour/CulvertScourLo/%20Culvert_ScourLo.pdf)

Traffic Engineering:

HE336.C64G44 2010

Unlocking Gridlock

AASHTO; 2010

<http://expandingcapacity.transportation.org/>

Transit:

HE202.5.T73 no. 135

Controlling System Costs: Basic and Advanced Scheduling Manuals and Contemporary Issues in Transit Scheduling

Transportation Research Board; DOT FTA; 2009

[http://onlinepubs.trb.org/onlinepubs/tcrp/tcrp\\_rpt\\_135.pdf](http://onlinepubs.trb.org/onlinepubs/tcrp/tcrp_rpt_135.pdf)

[http://trb.org/Publications/Public/Blurbs/Appendixes\\_to\\_TCRP\\_Report\\_135\\_Controlling\\_System\\_C\\_161862.aspx](http://trb.org/Publications/Public/Blurbs/Appendixes_to_TCRP_Report_135_Controlling_System_C_161862.aspx) (Appendices)

Transportation:

HE 213.O3O35

Ohio LTAP Center's Step-by-Step Guide to Participating in ODOT's Cooperative Purchasing Program

Ohio Dept. of Transportation; 2010

KRR-KTC-10-07

Roadway Related Tort Liability and Risk Management

Kentucky Transportation Center; University of Kentucky; 2010

[http://www.ktc.uky.edu/Reports/KTC\\_10\\_07\\_SPR\\_399\\_10\\_1F.pdf](http://www.ktc.uky.edu/Reports/KTC_10_07_SPR_399_10_1F.pdf)